

ABSTRACT OF THE DISCLOSURE

A passive alignment technique is disclosed to facilitate accurate positioning of components of an optical assembly. In one aspect, a method includes directing light onto components of an optical assembly in which a first component includes a first pattern of marks with a first frequency and a second component includes a second pattern of marks with a second different frequency. An optical signal corresponding to the superposition of the first and second patterns is detected. Based on the detected optical signal, a determination may be made as to whether the first and second components are properly positioned with respect to one another.

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